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PCT/IL 2005 / 000357

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PA 1304495

THE UNITED STATES OF AMERICA

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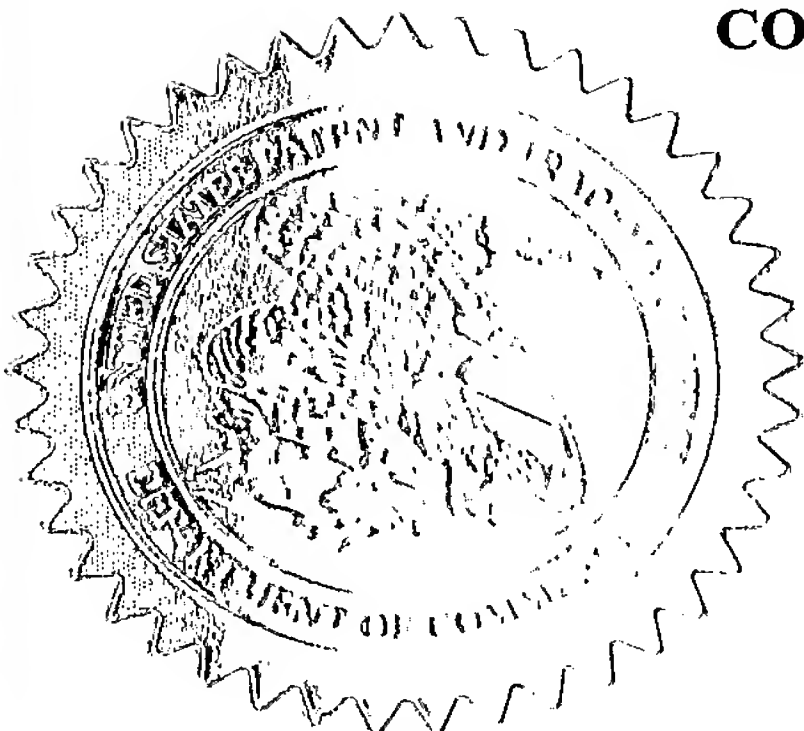
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FILING DATE UNDER 35 USC 111.**

APPLICATION NUMBER: 60/574,424

FILING DATE: May 25, 2004

**By Authority of the
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L. E. Edelen

**L. EDELEN
Certifying Officer**

01919 U.S. PTO

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PTO/SB/16 (8-00)

Approved for use through 10/31/2002. OMB 0651-0032

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PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

22151 U.S. PTO
60/574424

052504

INVENTOR(S)					
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<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> separately numbered sheets attached hereto.					
TITLE OF THE INVENTION (280 characters max)					
HI-G-PARK - WIRELESS CAR & STORED ITEMS IDENTIFICATION SYSTEM					
Direct all correspondence to: CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number		<input type="text"/>		<input type="checkbox"/> Place Customer Number Bar Code Label here	
OR Type Customer Number here					
<input checked="" type="checkbox"/> Firm or Individual Name		ABELMAN, FRAYNE & SCHWAB Attorneys at Law			
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City		State		Zip	
Country		U.S.A.	Telephone	(212) 949-9022	Fax (212) 949-9190
ENCLOSED APPLICATION PARTS (check all that apply)					
<input checked="" type="checkbox"/> Specification	Number of Pages	1	<input type="checkbox"/> CD(s), Number	<input type="text"/>	
<input checked="" type="checkbox"/> Drawing(s)	Number of sheets	7	<input type="checkbox"/> Other (specify)	<input type="text"/>	
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76					
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT (check one)					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					
<input checked="" type="checkbox"/> A check or money order is enclosed to cover the filing fees					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number: <input type="text" value="01-0035"/>					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
FILING FEE AMOUNT (\$) <input type="text" value="\$80.00"/>					
The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.					
<input checked="" type="checkbox"/> No.					
<input type="checkbox"/> Yes, the name of the U.S. Government agency and the Government contract number are: <input type="text"/>					

Respectfully submitted,

SIGNATURE

TYPED or PRINTED NAME

TELEPHONE

Jay S. Cinamon

(212) 949-9022

Date

May 25, 2004

REGISTRATION NO.

24,156

(if appropriate)

Docket Number:

206,555

USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

This collection of information is required by 37 CFR 1.51. The information is used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Commerce, Washington, D.C., 20231. DO NOT SEND FEES OR COMPLETED FOR Provisional Application, Assistant Commissioner for Patents, Washington, D.C., 20231

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PROVISIONAL APPLICATION COVER SHEET

Additional Page

PTO/SB/16 (8-00)

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Docket Number	206,555	Type a plus sign (+) inside this box →	+
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Number 2 of 2

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24 May 2004

Hi-G-Park – Wireless car & stored items identification system

1. General

The Hi-G-Park system allows real time monitoring and control of all activities associated with the operation of parking lots and stored items in large storage areas. The system includes Identification Flag-Tag with active RFID communication to remote control center incorporated with electro-locking device that can release, as per a specific command from the control center, a visual detectable sign (flag, balloon or any other such item).

The unique car or item Flag-Tag can be attached to the monitored car, vehicle or any type of stored item. They are long lasting battery operated devices that can be monitored wirelessly from remote control centers, many simultaneously. They are designed in specific to withstand severe environmental conditions of out door large storage areas.

The system controls in real time the location and status of each stored item and the electronic Flag-Tag can include any type of sensor such as motion, tilt, attached / detached etc. for immediate report of its status.

The system can contains different types of Identification active Flag-Tags with adaptors to the specific stored item and in addition an integrated marking flag (such as electronic led, audible device or real flag) that can be released, when the specific item (or group of items) need to be found. Such system can provide fast identification of the required item in large parking lots or storage areas (yard of containers, stored packages, cars in parking lots etc.).

The active location Flag-Tag can be mounted on the items in different ways. In the case of a car it can be mounted on the car's window when the electronic tag is on the inner side of the car and the marking flag is on the outer side of the car.

Once the location of the specific item is found the marking flag part of the Flag-Tag can be manually pressed back to its original position so that it can be re-used.

2. System components

- 2.1 Flag-Tag: Protects and identifies the specific stored item.
- 2.2 DataReader: Installed around the parking lots or storage areas or on moving vehicle.
- 2.3 Center Base station: receives/sends data and commands from the control center, wirelessly to any specific or group of stored items.
- 2.4 Microreader and Hand Held Terminal: optional, sets the Flag-Tag from short range in the parking / storage environment.

See Fig. 1 for all system components.

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Diagram illustrating the layout of the car and the control panel for Position 2.

The car is shown with a **CAR INNER SIDE TAG** and a **SIDE CAR WINDOW**.

The control panel is labeled **POSITION 2:** and includes a **TAG CONTROL** unit, a **STRETCHED FLAG** unit, and a **STRUTTED FLAG** unit.

The control panel is connected to the car via a **TAG CONTROL** line.

The control panel is also connected to **AUDIO** and **LIGHT** units.

The control panel is connected to the car via a **TAG CONTROL** line.

DRAWING NUMBER DRAWING NAME SHEET NO. & OF	SIGNATURES DATE	CHECKED APPROVED	TITLE FIG 1	SIZE DWG NO B	REV	SHEET 1 OF 1
MATERIAL						
FINISH						

Hi-G-Tek

Cob



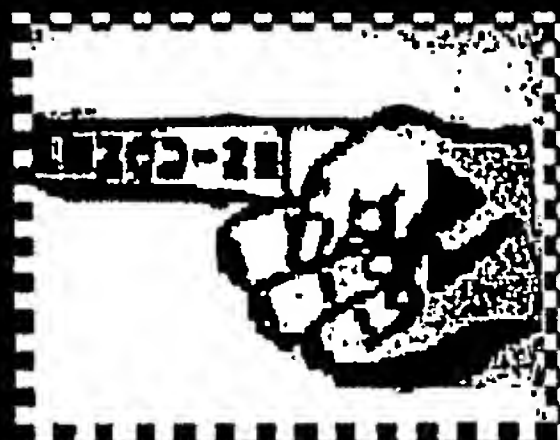
Hi-G-Tek

10 1/2" x 14" US Car Flag

CarFlags with Your Logo!

Cobra Parking

Hi-G-Tek



14" x 14" US CarFlag
CarFlags with Your Logo!

Cobra Parking

Hi-G-Tek

Hi-G-Tek

Hi-G-Tek

10 1/2" x 14" US Car Flag
CarFlags with Your Logo

10 1/2" x 14" US Car Flag
CarFlags with

Cobra Parking

Hi-G-Tek

Hi-G-Tek

10 1/2" x 16" US Car Flag
CarFlags with Your Logo



Cobra Parking

Hi-G-Tek

Hi-G-Tek

IC-112 1/2" x 14" US Car Flag

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